

Maintenance Free Batteries



Maintenance Free Batteries are replacing regular lead-acid batteries in many applications. They will replace batteries that require electrolyte maintenance and more frequent recharging. They eliminate the need for a sailor to handle and dispose of battery acid as well. This battery is a completely sealed, gel-type that should not leak even if the seal is broken. These maintenance free batteries will also reduce the labor hours associated with recharging other batteries due to their ability to hold a charge.

The batteries are easy to use and install. They are encased specifically to inhibit at-sea corrosion and able to withstand heavy shocks and vibrations.

Maintenance Free Batteries are being procured for U.S. Navy ships via the Pollution Prevention Afloat Program beginning in FY 99. Fleetwide implementation of the batteries has begun and will continue through FY 05.



Equipment Characteristics

Performance: Output: CCA 800 amps
 Cranking amps: 1100
 12 Volts

Envelope: Weight: 39.5 lbs.

 Footprint: Height: 7.81 inches
 Width: 6.75 inches
 Length: 9.94 inches

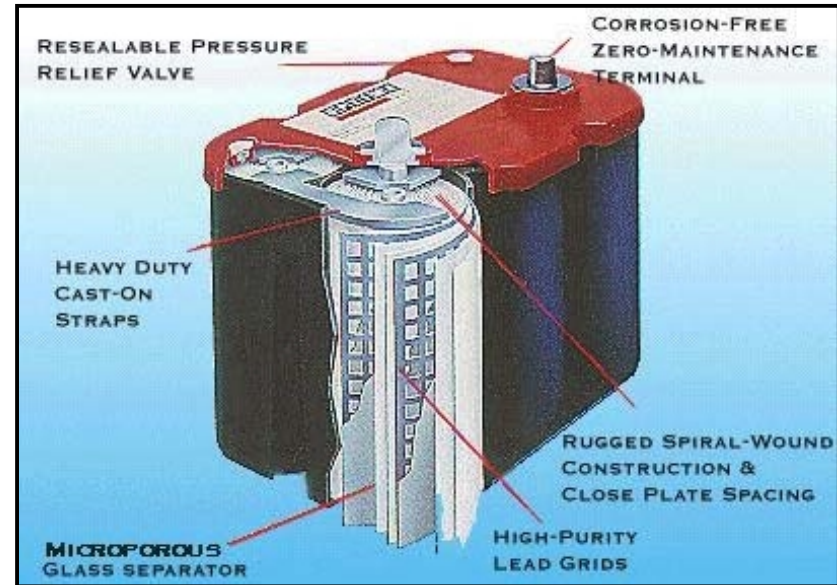
Ship's Services Required

Recharging Power: 13.8-14.8 Volts, 10 amps

Operation: Directly replace other high-maintenance, existing lead-acid batteries.

ILS Support

- A Technical Manual to maintain the Holders is provided.
NAVSEA TM S9593-CS-CAT-010
- Logistics support has been provided.
AELs 1-620044190; 1-620044191; 1-620044192



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